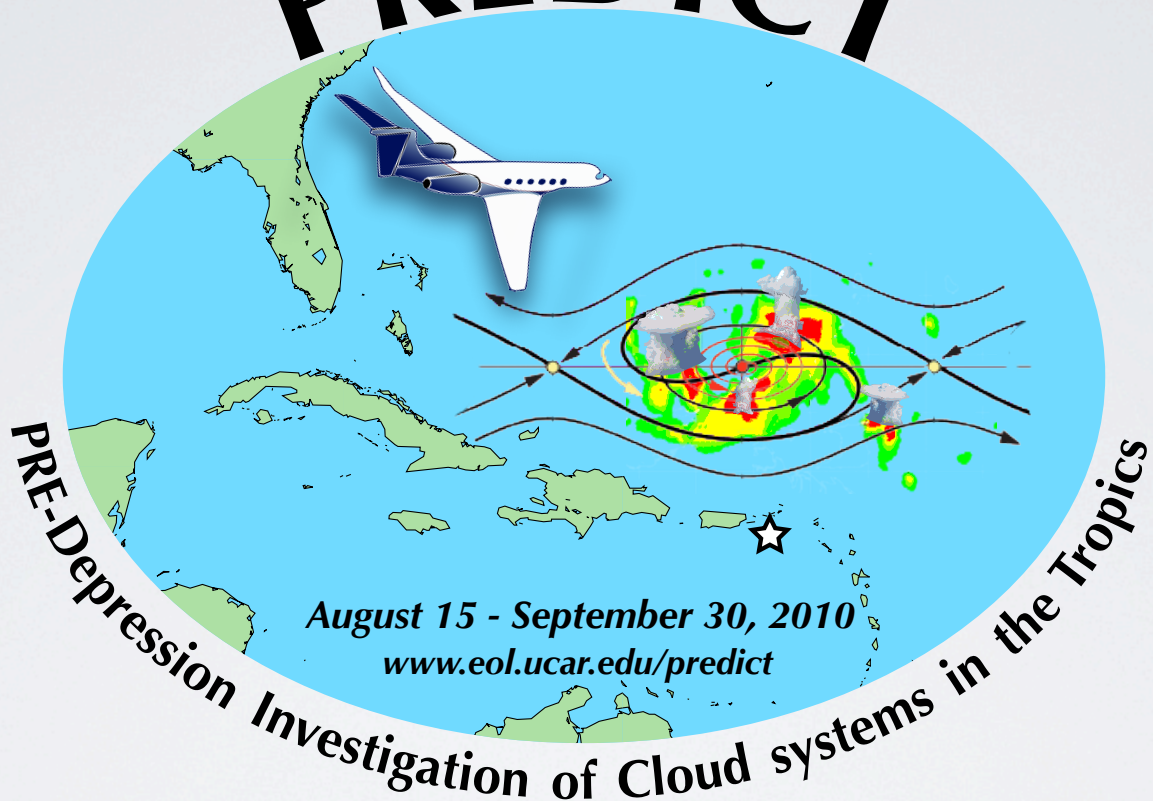


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Hurricanes can be assigned into how many categories?

Answer :: Hurricanes can be assigned into 5 different categories.

- Category 1 :: 74-95 mph winds
- Category 2 :: 96 -110 mph winds
- Category 3 :: 111-130 mph winds
- Category 4 :: 131-155 mph winds
- Category 5 :: >155 mph winds

Which way do hurricanes rotate in the Northern Hemisphere?

Answer :: Counter-Clockwise



Are there hurricanes in the Southern Hemisphere?

Answer :: Yes, but they are called cyclones, not hurricanes due to their clock-wise rotation.



What is the difference between a tropical storm, tropical depression and a hurricane?

Answer :: Wind speed

- Tropical Depression :: Winds of < 38 mph
- Tropical Storms :: Winds of 36-74mph
- Hurricane :: Winds of > 74mph

What is the origin of the word "hurricane?"

- A. The name of the Caribbean god of evil
- B. An Aztec word for "strong wave"
- C. A coastal town in St. Croix
- D. A mythical sea monster that devoured sailors

Why are hurricanes named?

Answer :: They are named to help identify and track them.



How wide across can a hurricane span?

Answer :: ~ 300-600 miles

St. Croix is 28 miles from end to end, so a storm can span 10-20 times the length of your island!



How do hurricanes get their energy?

Answer :: Thorough their contact with the heat and moisture from the ocean. They pick up moisture though water evaporating off of the ocean surface

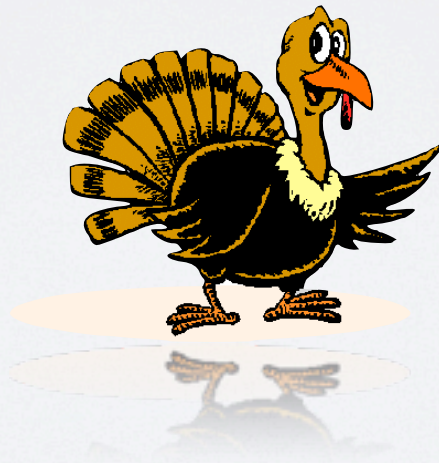


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How fast do hurricanes typically travel?

Answer :: About 10-20 mph

Or about as fast as a wild turkey can run....



What is the typical height of a hurricane?

Answer :: About 10 miles high, into the lower regions of the stratosphere (16km or 53,000')



Why do atmospheric scientists study hurricanes?

- To provide more advanced notice of hurricane strength and potential path.
- To help avoid injuries, death and destruction.
- To allow for better preparedness.

Have any of you been in a hurricane?



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